AMENDMENTS TO THE CLAIMS

Claims 1-2.(cancelled)

3.(currently amended) The process as claimed in claim ~~1~~ 13, wherein the main gas stream and the bypass gas stream are removed from separate ~~dome~~ spaces of the dome part of said reactor.

4.(currently amended) The process as claimed in claim ~~1~~ 13, further comprising the steps of:

analyzing a catalyst sample and/or a change in the heat transfer and/or a deterioration of the fluidization behavior at said reactor; and switching on or off the bypass gas stream according to said analyzing.

5.(currently amended) A fluidized-bed reactor for oxychlorization of ethylene using catalyst granules subjected to abrasion, said reactor comprising:

a dome part;

at least one baseplate having filter cartridges in a said dome part of the reactor, wherein the filter cartridges are dippable into an upper region of a fluidized bed of the fluidized-bed reactor, wherein a space in the dome part is divided, above the baseplate carrying the filter cartridges on a lower surface thereof, into at least two chambers, each having an outlet for a main gas stream to a quench vessel and for a bypass gas stream.

Claim 6.(cancelled):

7. (currently amended): The fluidized-bed reactor as claimed in claim ~~6~~ 5, wherein ~~the~~ filter elements are provided which are assigned to the bypass gas stream, said filter elements having have a pore size differing from that of the ~~fine dust~~ filter cartridges for ~~the~~ a controlled passage of ~~fine~~ dust particle fractions.

8.(currently amended) The fluidized-bed reactor as claimed in claim ~~5[, or in any of the following claims]~~ 7 wherein the ratio of said filter elements ~~[(5)]~~ allowing through ~~fine~~ dust particles to said filter cartridges retaining the ~~fine~~ dust particles is within the range of 1:9.

9.(previously amended) The fluidized-bed reactor as claimed in claim 5, further comprising a cleaning means using compressed gas pulses on the baseplate.

Claims 10-11. (cancelled).

12.(previously added) The fluidized reactor of claim 5, wherein said filter cartridges are sintered metal filter cartridges.

13.(new) A method of removing dust particles from a fluidized-bed reactor for oxychlorization of ethylene, comprising the steps of:

removing the fine dust particles collected in the fluidized-bed reactor via filter cartridges from said reactor;

passing a reaction gas mixture from a dome part of said reactor to a quench vessel; and

removing a partial gas stream as a bypass gas stream in addition to a main gas stream out from said reactor, said bypass gas stream having a predetermined content of dust particles of a size which is smaller than a predetermined particle size.